MONTANA BOARD OF OIL AND GAS CONSERVATION and OIL AND GAS CONSERVATION DIVISION



BOARD MEMBERS

Linda Nelson (Chair)
Landowner w/minerals
Medicine Lake

Ronald Efta
Public member/Attorney
Wibaux MT

Wayne Smith Industry Valier MT

John Evans Industry Butte MT

Steve Durrett Industry Billings MT

Paul Gatzemeier Landowner without minerals Billings MT

Peggy Ames Nerud Public Circle MT



Oil and Gas Division:

- Issues drilling, work over, abandonment permits
- Maintains well and production data
- Operates Underground Injection Control program
- Inspects drilling, producing and seismic operations
- Plugs orphan wells
- Provides technical/procedural advice to the Board

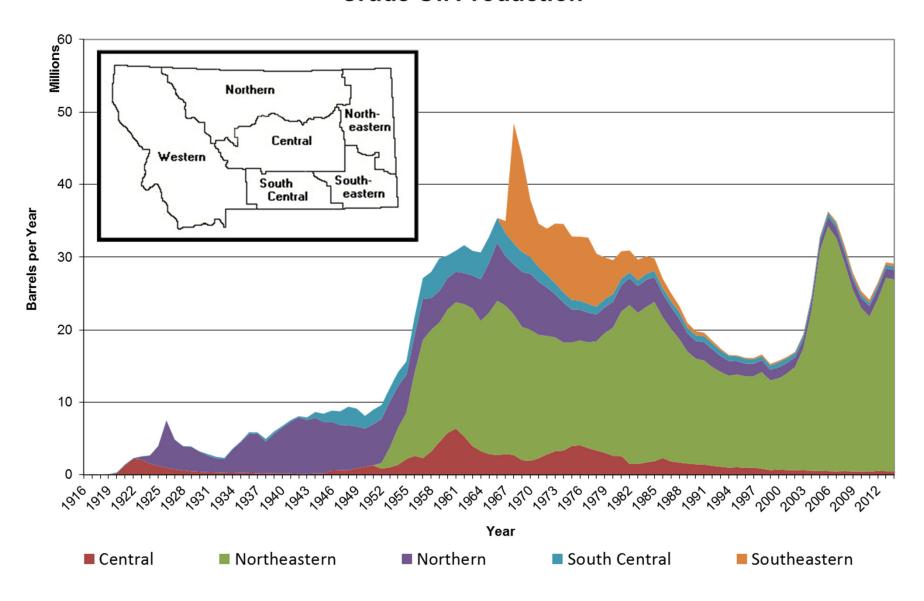
"Conservation" Regulations

- Conservation by Promoting Maximum Ultimate Recovery
- Prevent Physical and Economic Waste
- Protect the Correlative Rights of Owners

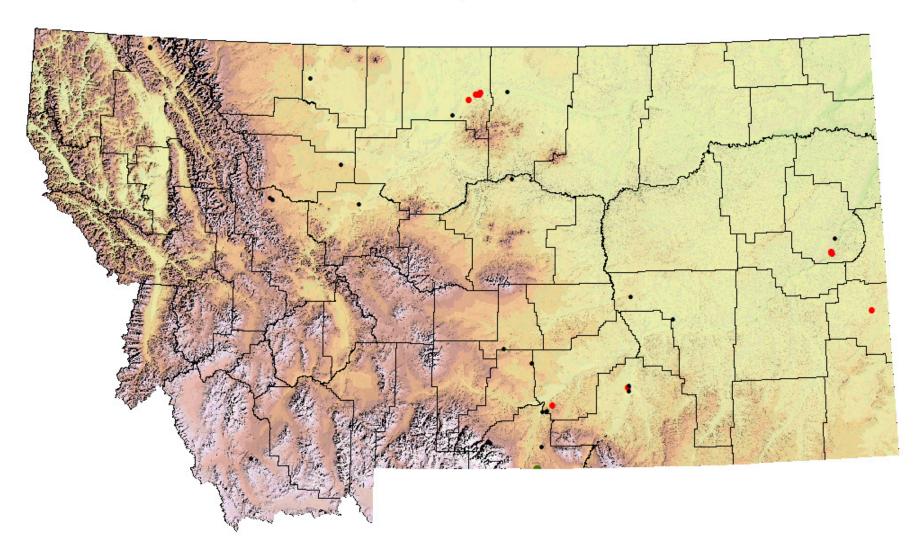
Operating Regulations

- Protect Public Safety and Heath
- Protect the environment
- Maintain Production Data and Well Records

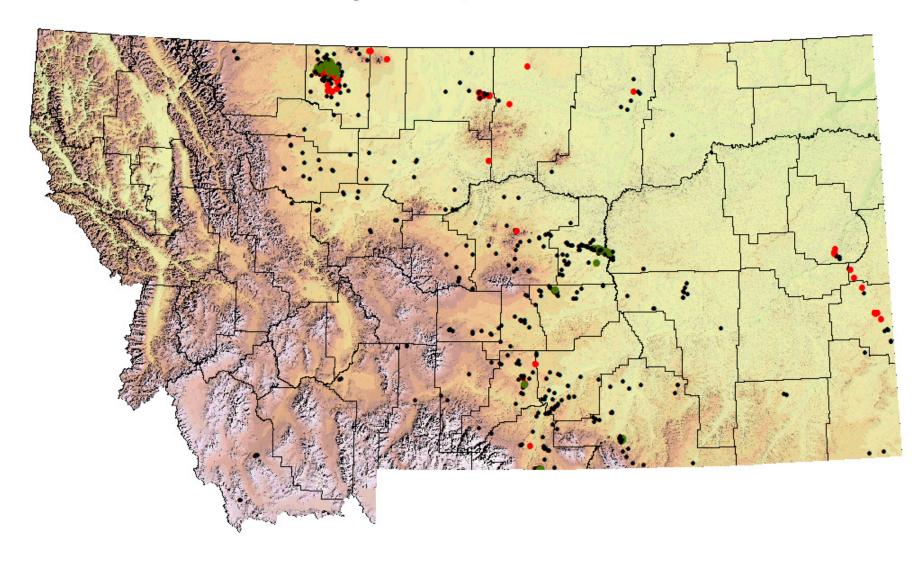
Crude Oil Production



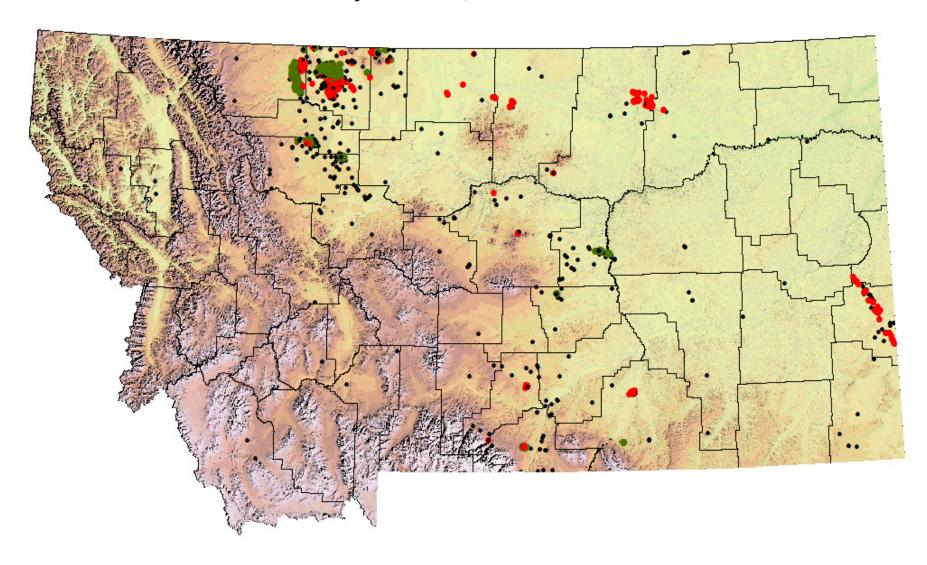
Completions, 1880 - 1915



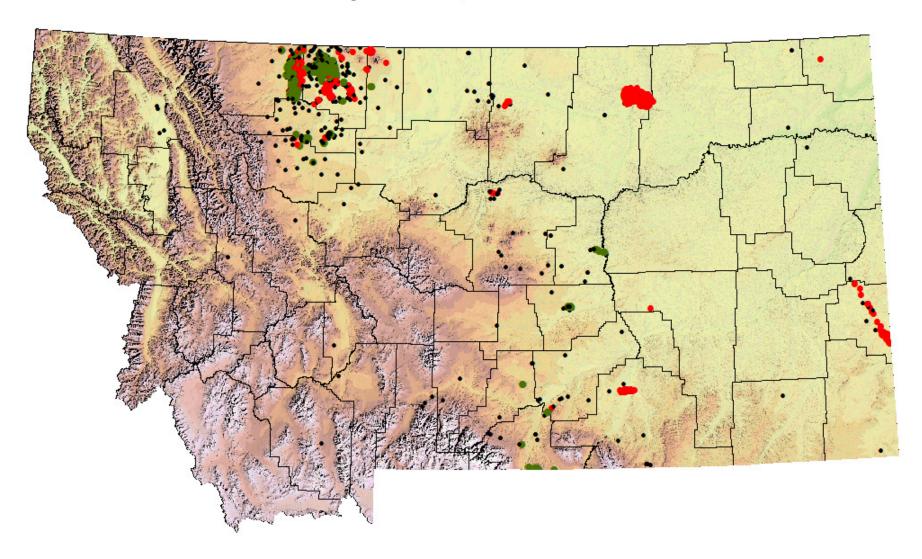
Completions, 1916 - 1925



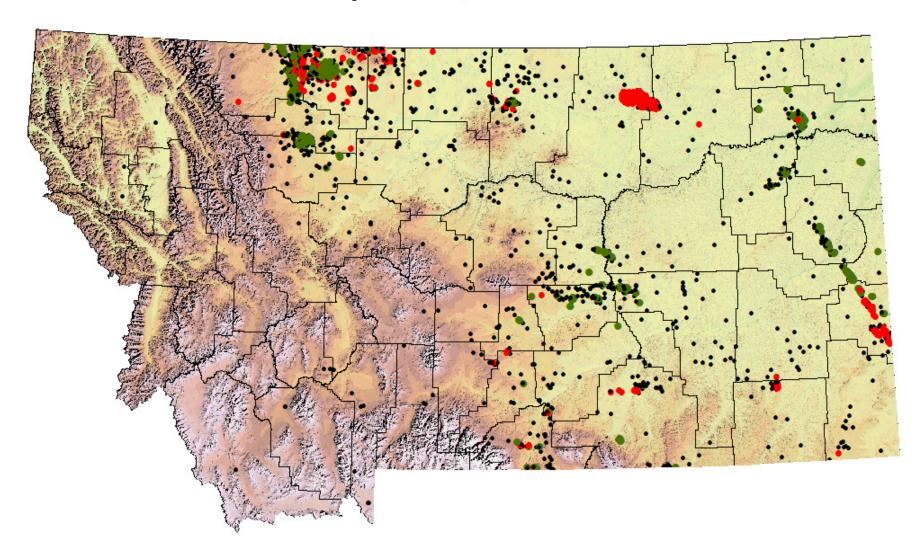
Completions, 1926 - 1935



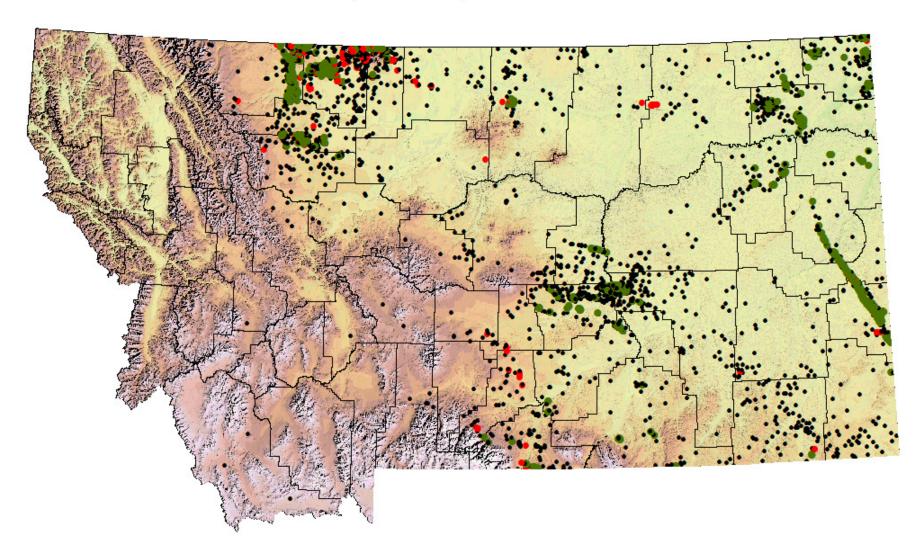
Completions, 1936 - 1945



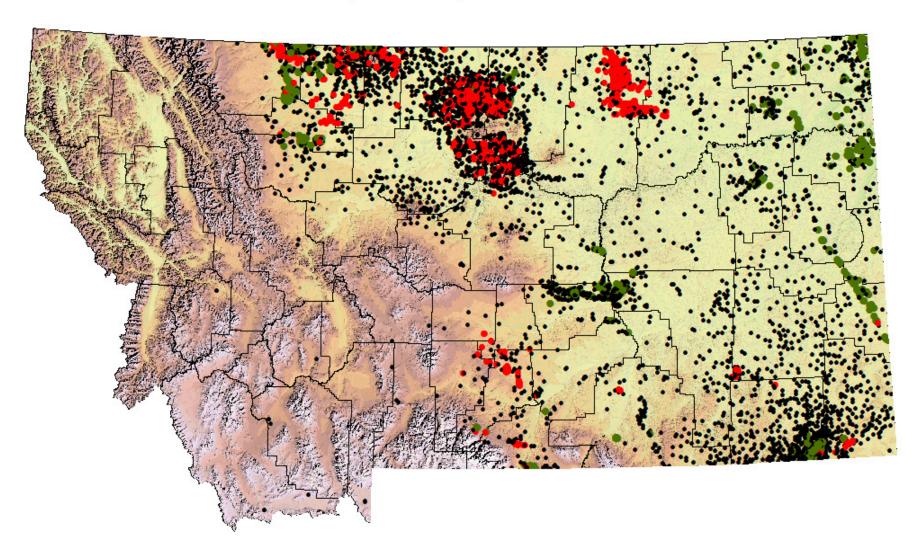
Completions, 1946 - 1955



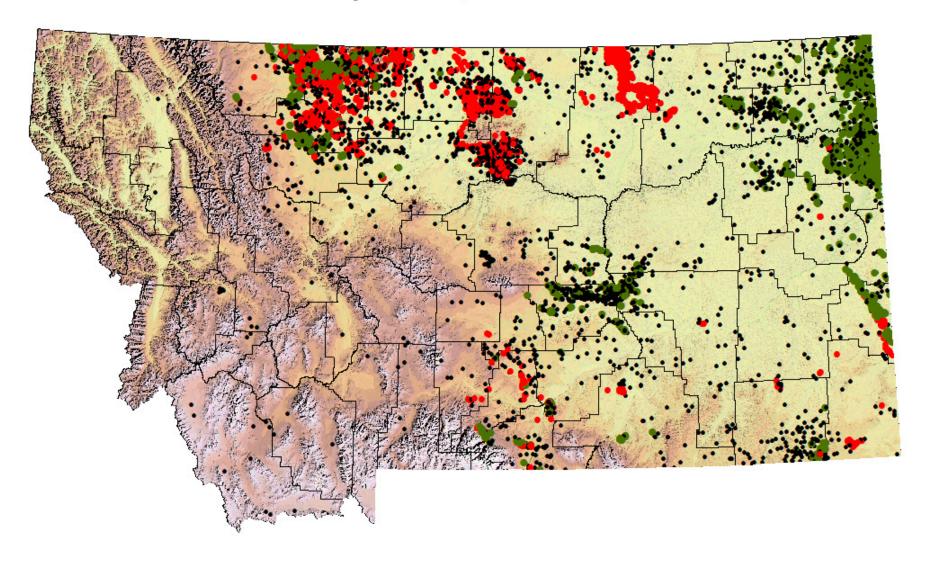
Completions, 1956 - 1965



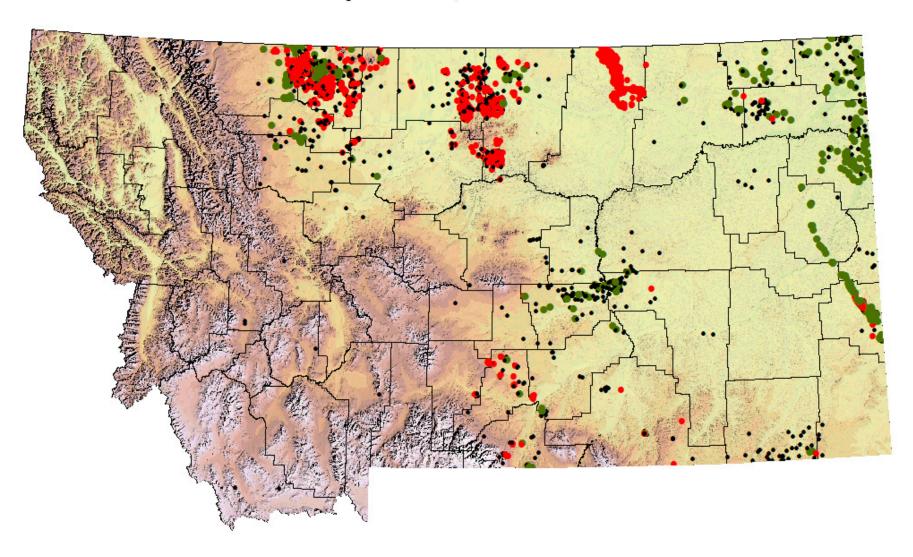
Completions, 1966 - 1975



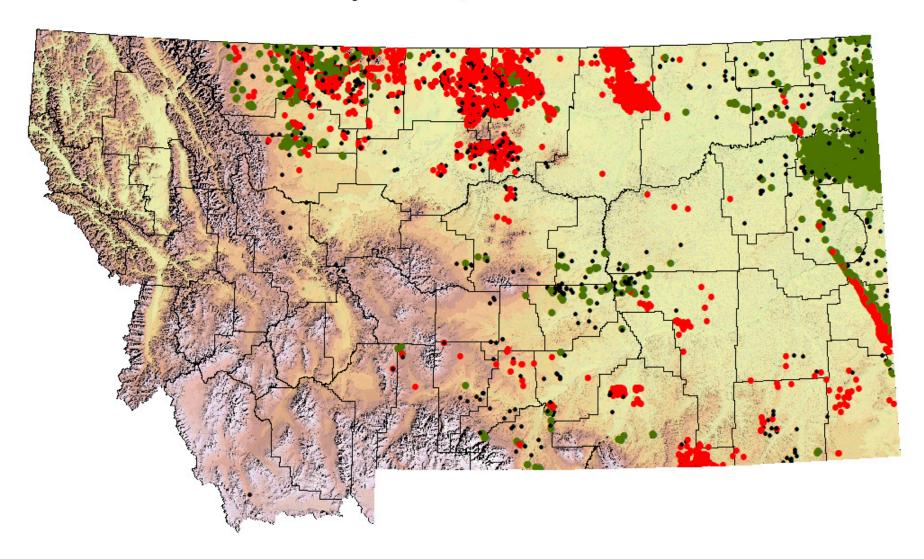
Completions, 1976 - 1985



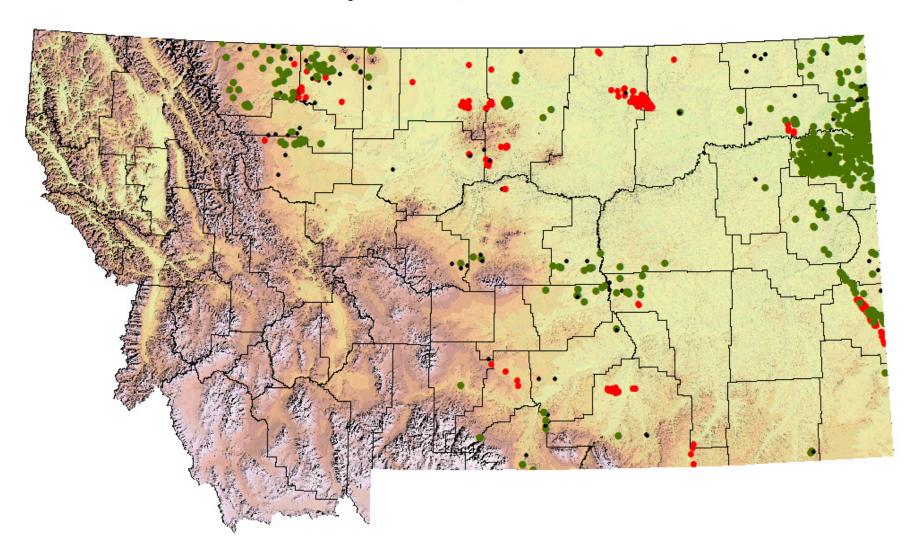
Completions, 1986 - 1995



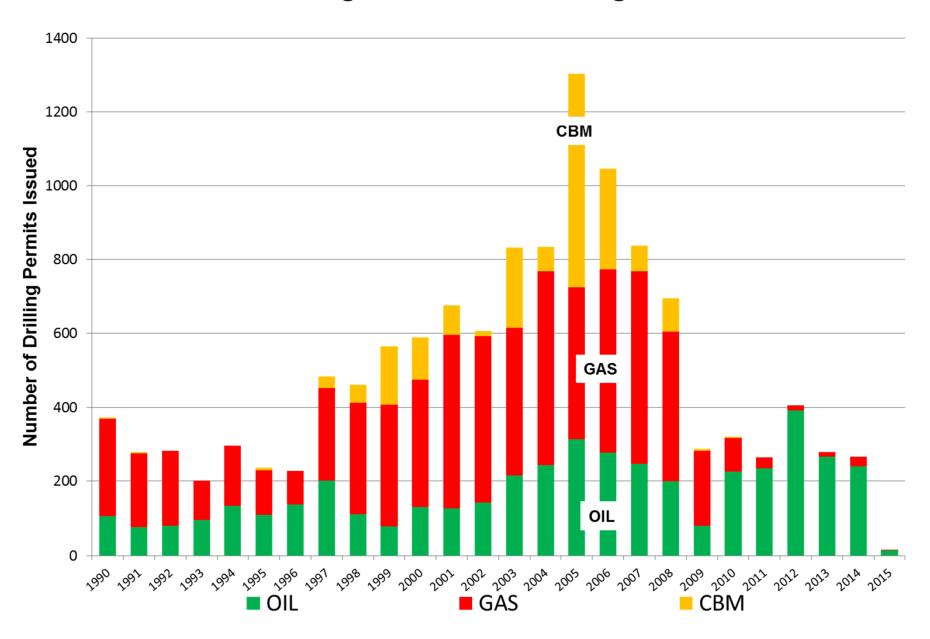
Completions, 1996 - 2015



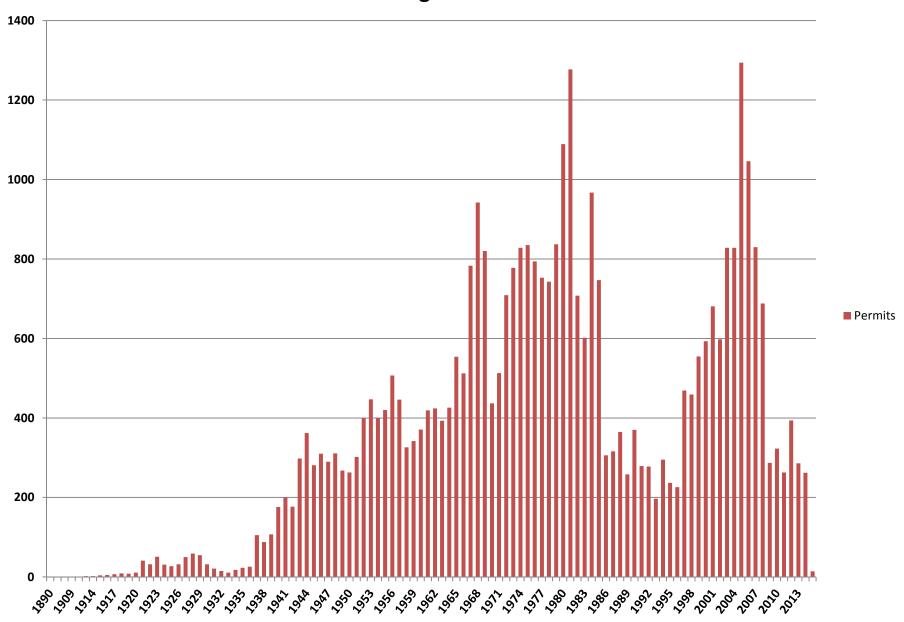
Completions, 2010 - 2015



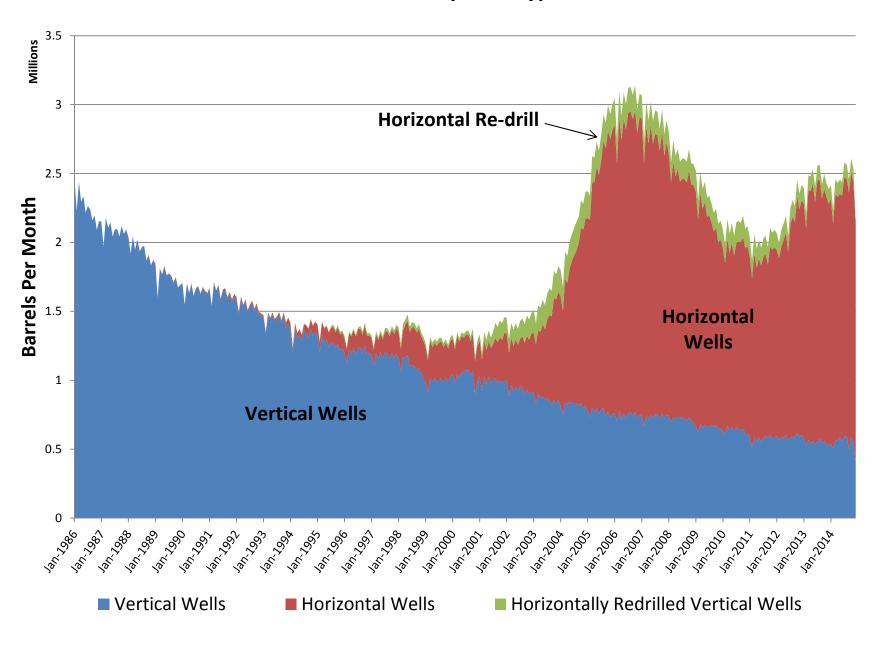
Montana Drilling Permits, 1990 through 04/09/2014



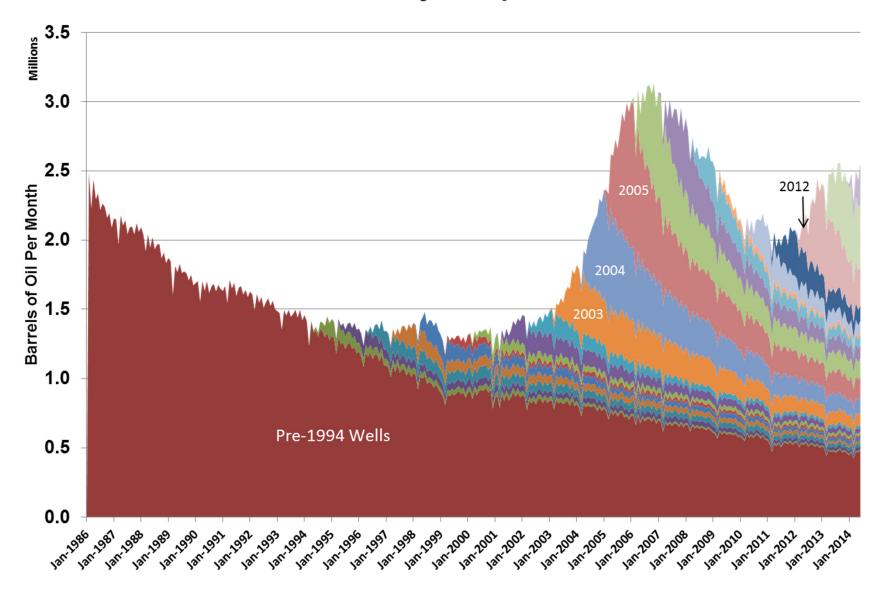
All Drilling Permits Issued



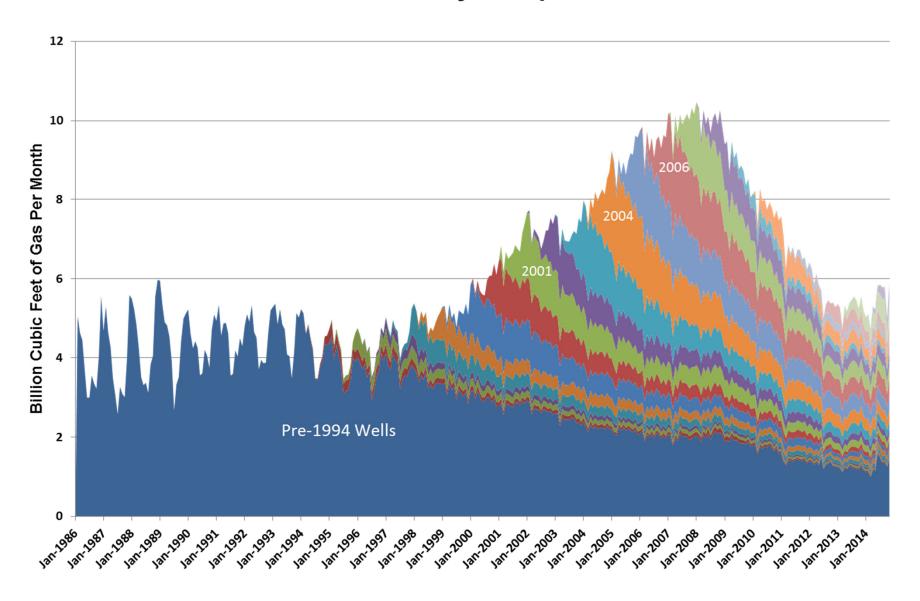
Oil Production by Well Type



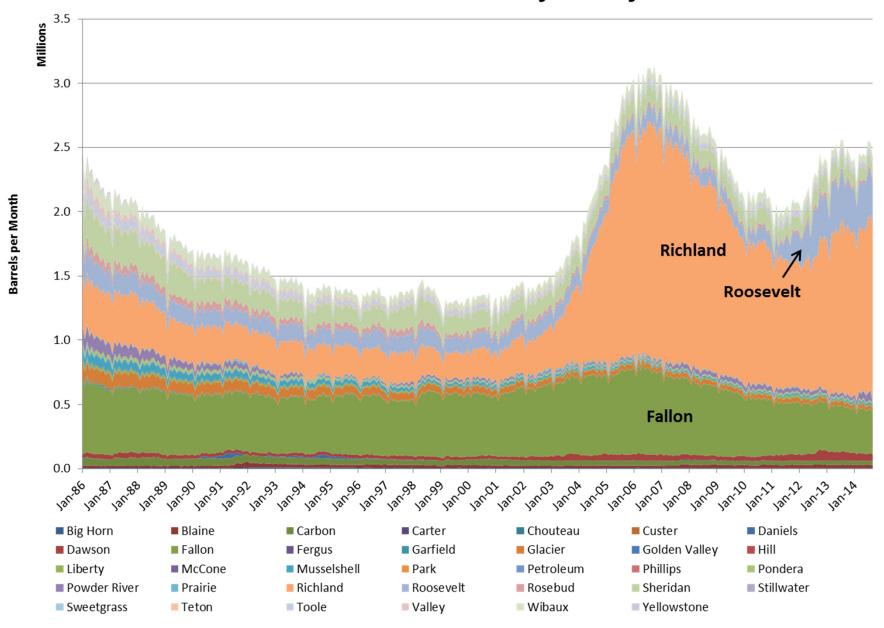
Oil Production by Completion Year



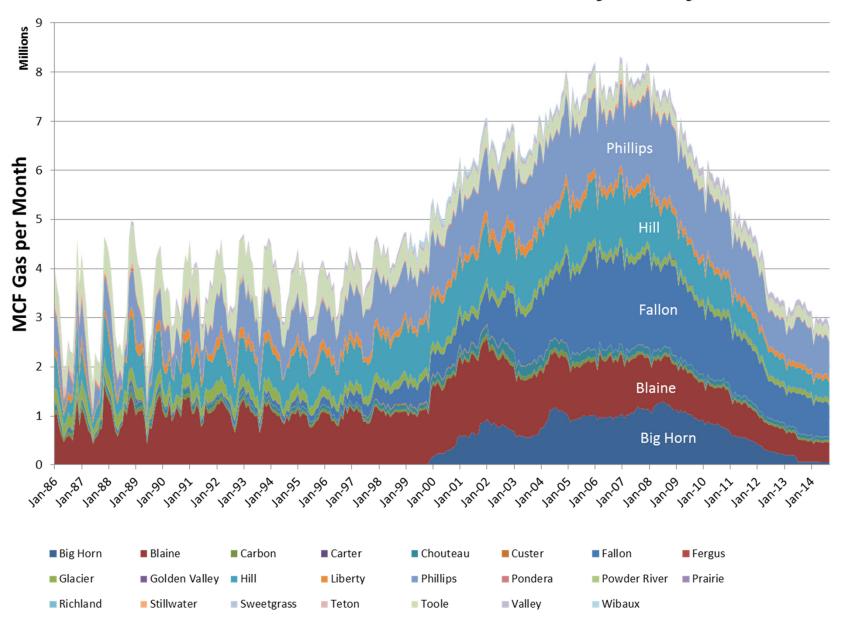
Gas Production by Completion Year

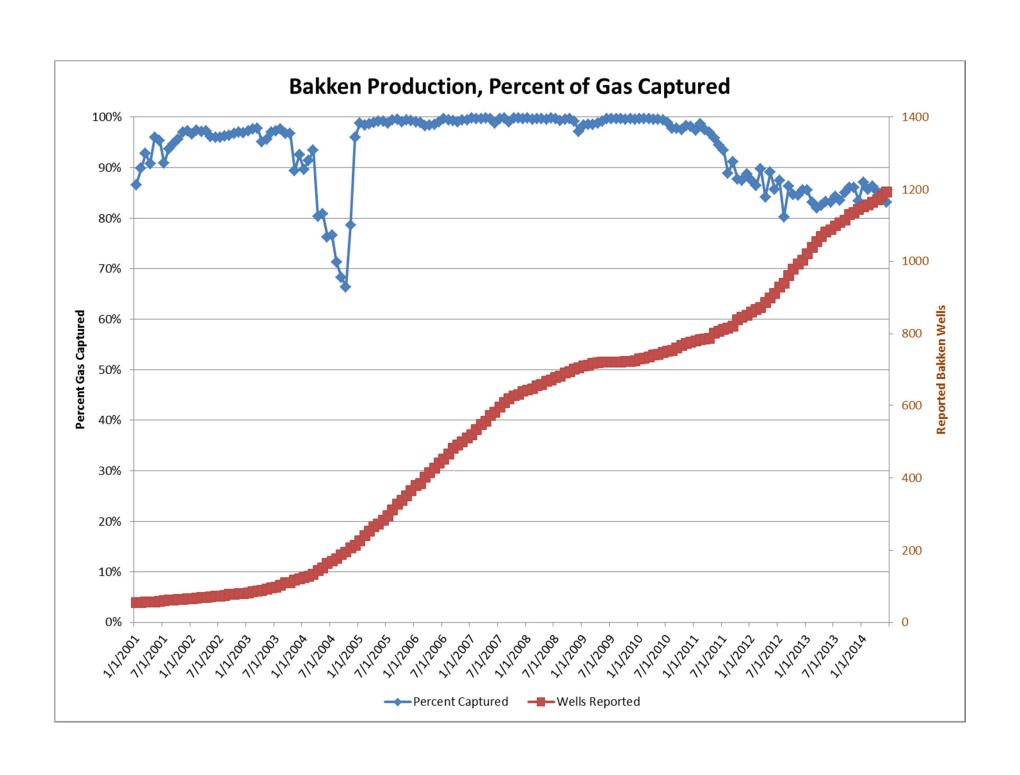


Montana Oil Production by County

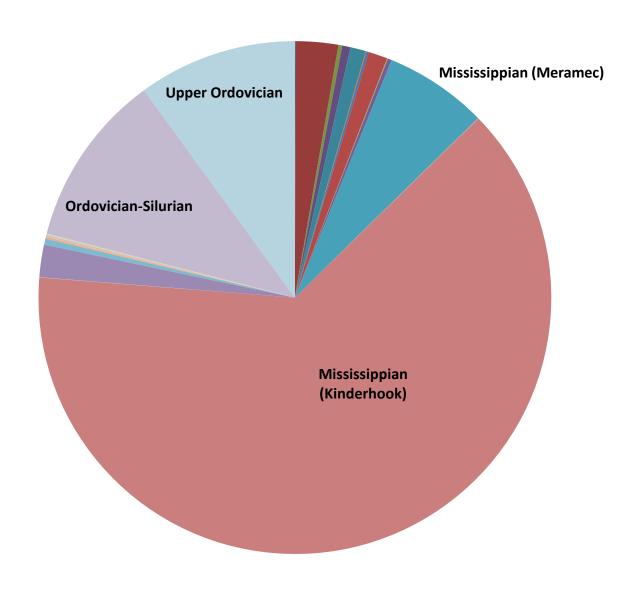


Montana Non-Associated Gas Production by County

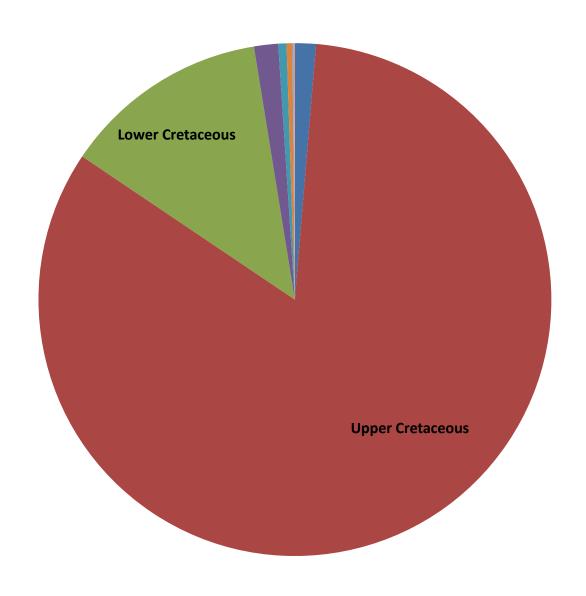




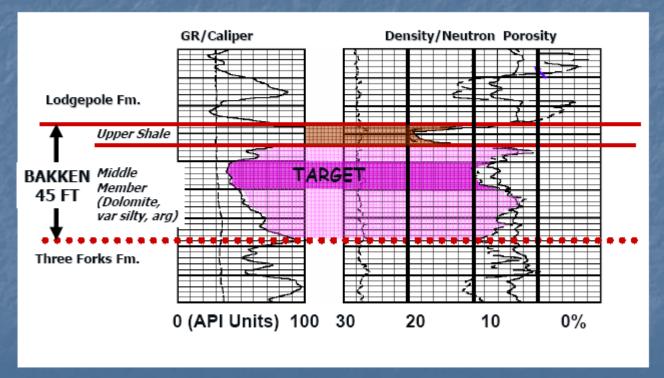
Oil Production By Geologic Age



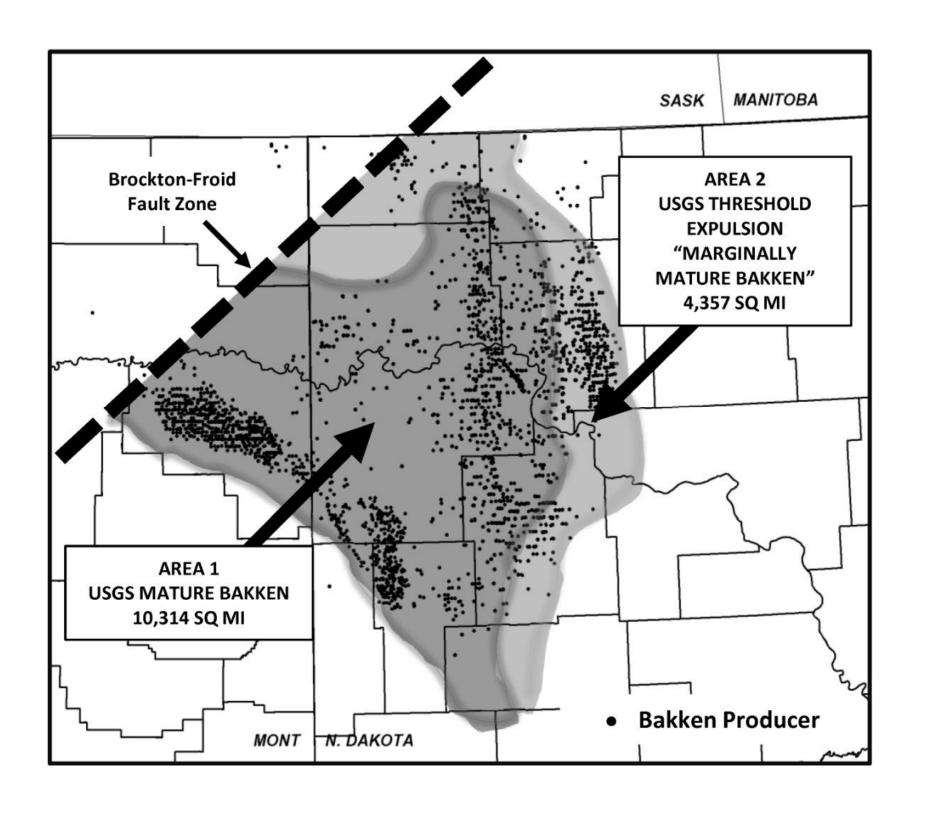
Gas Production By Geologic Age

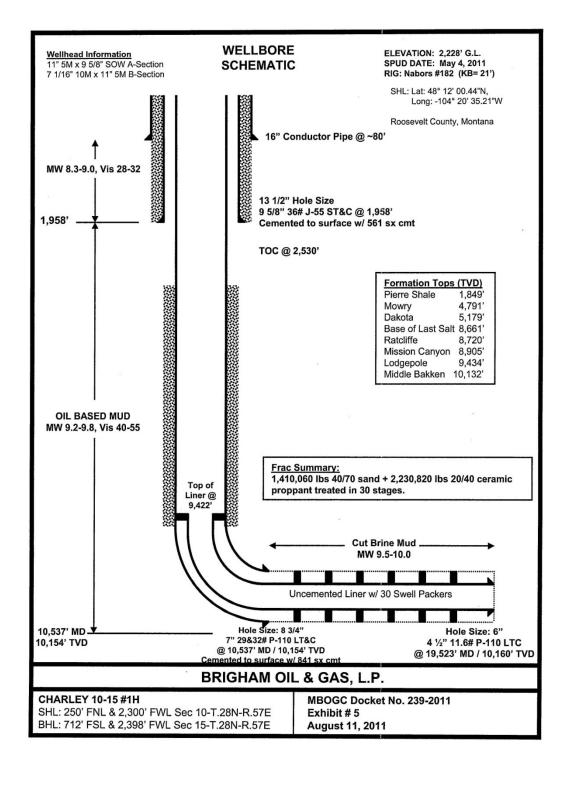


TYPE LOG – ELM COULEE AREA Balcron Oil - #44-24 Vaira SESE Sec. 24, T.24N., R.54E.



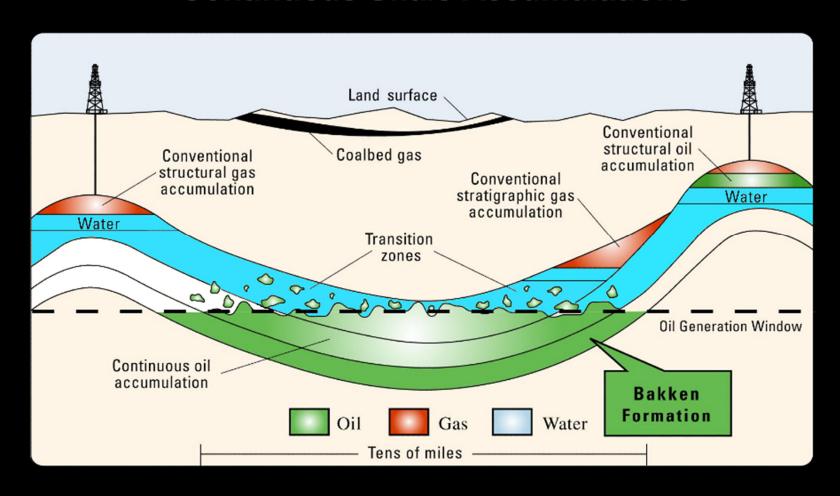
Modified after J. LeFever





Conventional vs Continuous Resources

Continuous Shale Accumulations



REQUIREMENT... the shale is now, or was at sometime in its history, within the oil or gas generation window

